

22 Soc. A:  
S. A. 4 cont.

ERVICE

UNITED STATES DEPARTMENT OF COMMERCE • Elliot L. Richardson, *Secretary*  
National Bureau of Standards • Ernest Ambler, *Acting Director*

# Physics and Chemistry

SECTION A

## JOURNAL OF RESEARCH

of the

NATIONAL BUREAU OF STANDARDS

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Corrections to be noted in Volume 80A of the JOURNAL OF RESEARCH of the National Bureau of Standards—  
A. Physics and Chemistry

Page	Column	Line	Now reads in part	Should read
38 .....	Table 1 Col. 5	14 .....	18.6310 .....	18.8310 .....
39 .....	Table 2 Col. 4	11 .....	1670.3 .....	1710.3 .....
271-358 .....	Table 4 Col. 4	.....	All odd levels having $J=5$ are misprinted with $J=0$ . They may be recognized by noting that they combine with even levels having $J=4, 5, 6$ .	For all such levels $J=5$ .
358 .....	1 .....	Ref. 11 ..	1947 .....	1974 .....
394 .....	1 .....	40 .....	$q_{EM}$ .....	$q_{FM}$ .....
399 .....	2 .....	24 .....	[21] .....	in press
		25 .....	[22] .....	submitted for publication.
424 .....	Fig. 3 .....	In the Formula of Oxazine 170 a $\text{CH}_3$ -group is missing. The correct structure is given in [15].		
477 .....	2 .....	eq (3) .....	$T = \sum_{j=0}^{20} a_j \left[ \frac{\ln W^*(T) + 3.28}{3.28} \right]^{jk}$	$T = \sum_{j=0}^{20} a_j \left[ \frac{\ln W^*(T) + 3.28}{3.28} \right]^j \text{ K}$
478 .....	1 .....	eq (5) .....	$\left( \frac{t'}{419.58^\circ\text{C}} + 1 \right) \left( \frac{t'}{630.74^\circ\text{C}} + 1 \right)^\circ\text{C}$ ,	$\left( \frac{t'}{419.58^\circ\text{C}} - 1 \right) \left( \frac{t'}{630.74^\circ\text{C}} - 1 \right)^\circ\text{C}$ ,
478 .....	1 .....	eq (7) .....	$t' = \left\{ \frac{1}{\alpha} [W(t') - 1] + \delta \left( \frac{t'}{100^\circ\text{C}} \right) \left( \frac{t'}{100^\circ\text{C}} + 1 \right) \right\}^\circ\text{C}$ ,	$t' = \left\{ \frac{1}{\alpha} [W(t') - 1] + \delta \left( \frac{t'}{100^\circ\text{C}} \right) \left( \frac{t'}{100^\circ\text{C}} - 1 \right) \right\}^\circ\text{C}$ ,
488 .....	2 .....	Fig. 7 .....	Interchange figures 7 and 8.	
489 .....	1 .....	Fig. 8 .....		
567 .....	1 .....	18 .....	$r$ .....	$f_r$ .....
577 .....	1 .....	eq (74) .....	$\bar{r}_i = (1 - \sin^2 \theta_c) + 2 \int_0^{\theta_c} r(\theta) \sin \theta \cos \theta d\theta$	$\bar{r}_i = (1 - \sin^2 \theta_c) + 2 \int_0^{\theta_c} r(\theta) \sin \theta \cos \theta d\theta$
577 .....	2 .....	35 .....	$F(R)_\infty$ .....	$F(R_\infty)$ .....
620 .....	1 .....	eq (35) .....	$\dots (R_a + R_b) \cdot r \cdot R_a + R_b$ .....	$\dots (R_a + R_b) \cdot r + R_a \cdot R_b$ .....
623 .....	2 .....	1 .....	solution .....	remedy .....
624 .....	2 .....	5 .....	$4/m^2 r^{-2}$ .....	$4/m^2 \pi^2$ .....
624 .....	2 .....	6 .....	for $m << 7$ .....	$m << 1$ .....
624 .....	2 .....	10 .....	$m = 20$ .....	causes $m = 20$ .....
624 .....	2 .....	11 .....	$1/100$ .....	$1/1000$ .....
Back Cover.			Title, Calibration of reflectance spectra.	Calibration of Reflectance standards.
775 .....	2 .....	5 .....	$T$ is an experimentally .....	$\gamma$ is an experimentally .....
776 .....	1 .....	27 .....	$a_2 = 0.9855719 \times 10^{-2}$ .....	$a_2 = 0.9855719 \times 10^{-2}$ .....
777 .....			Scale of 1972 (ITS-27), .....	Scale of 1927 (ITS-27), .....
779 .....	Table 4 Col. 2.	3 .....	872.487 .....	872.489 .....
779 .....	Table 4 Col. 3.	18 .....	57374.85 .....	47374.85 .....

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